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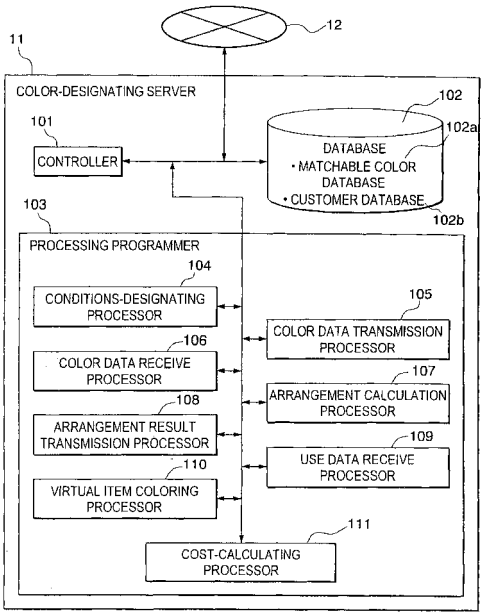
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(54) Color-designating system

(57) Disclosed are a color-designating server which can display a screen for designating color at a user terminal, which can be connected to a network, a color-designating method, and a recording medium. A matchable color database stores data required for determining matchable colors in a color-designating server which displays a screen for designating color at a user terminal. A conditions-designating processor transmits a conditions-designating screen for designating conditions data, required for determining the matchable colors, to the user terminal. A color data transmission processor determines colors which can be matched under the conditions specified by the conditions data, designated in the conditions-designating screen, by consulting the matchable color database, and transmits the result to the user terminal.

Fig. 2



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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	WO 00/63818 A (GENERAL ELECTRIC COMPANY) 26 October 2000 (2000-10-26) * abstract; figures 1,2,4 * * page 3, line 14 - page 6, line 14 * * page 11, line 10 - page 12, line 3 *	1-19	INV. G06F17/60
Y	CA 2 337 467 A1 (AMADA COMPANY, LIMITED) 27 January 2000 (2000-01-27) * abstract; claims 23-28; figures 1,2,23 *	1-19	
A	WO 00/54736 A (COLOR ACCESS, INC) 21 September 2000 (2000-09-21) * page 9, line 14 - page 10, line 18 * * page 11, line 9 - line 24 *	1-19	
A	US 5 870 771 A (OBERG ET AL) 9 February 1999 (1999-02-09) * column 6, line 7 - line 35 *	1-19	
A	WO 97/29441 A (BECHARA, SAMIR, JACOB) 14 August 1997 (1997-08-14) * page 9, line 3 - page 11, line 7 * * page 15, line 4 - line 14 *	1-19	TECHNICAL FIELDS SEARCHED (IPC) G06F

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	21 August 2006	Gardiner, A

CATEGORY OF CITED DOCUMENTS

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21-08-2006

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0063818 A	26-10-2000	EP 1266315 A2	18-12-2002
		JP 2003529811 T	07-10-2003
		US 6349300 B1	19-02-2002
CA 2337467 A1	27-01-2000	AU 4652099 A	07-02-2000
		CN 1123841 C	08-10-2003
		EP 1098264 A1	09-05-2001
		WO 0004471 A1	27-01-2000
		US 2006025882 A1	02-02-2006
		US 6970754 B1	29-11-2005
WO 0054736 A	21-09-2000	AU 766758 B2	23-10-2003
		AU 3889700 A	04-10-2000
		CA 2332633 A1	21-09-2000
		EP 1079794 A1	07-03-2001
		JP 2002538894 T	19-11-2002
		JP 2006068517 A	16-03-2006
		US 6177093 B1	23-01-2001
		ZA 200006684 A	11-10-2001
US 5870771 A	09-02-1999	NONE	
WO 9729441 A	14-08-1997	BR 9600543 A	30-12-1997

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82